BOOK

ons		Contents	Reference to last Measurement
readth 5	Depth 6	7	8
1 —	26701 —		
AT —	106806 —		
we —	26701 —		
sf —	26702 —		
ory —	37464 —		
otal	200342 = cv		

Second & final

M. A. R. 57 (Rule 116)
Measurement Book

SBR-201/16-17, dt-15/11/16
No. B 262813

Serial No. Improvements to roads & drains at Kodigehalli village
Name of Work surrounding is used as B From Kodigehalli To web division
Name of Contractor of nature of Agency M.N. Shashidhar
Date of commencement of work 24-01-2015. BR-668/29-11-16

Date	Full description, etc, of work	Dimensions: Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
	Estimate cost: Rs. 49.00 lakhs.						
	Job code: 038-16-000004						
	Pcode: P3089						
	AS No. ABMP/EC/YNK/82/25/15-16 dtd 19.08.15						
	TS No. ABMP/CE/YNK/PK/40/25-16 dtd 21.08.15.						
	WO No. EE/ACP/ABMP/E-PMC/209/2015-16 dtd. 12.2.2015						
	Measurement recorded on: 28-10-2016						
a)	Dismantling & existing RCC shoulder, footing inc dismantled material, disposal serviceable material & stacking reparis costs material & stacking cost of all materials as complete.						
	as per item No. (2) & page 262859 - - - - - Linked to					Rs. 70 cum.	
	@ Rs. 954.72/-					73.49 cum.	
						= Rs.	70152.00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
3)	Dismantling of existing RCC slab & masonry structure including sorting out dismarked material, disposal of unserviceable to material & stacking serviceable materials at complete as directed.						
	Qty vide item No(3) of page 262860	-	-	-		165.24 cum	
				Limited to		153.36 cum	
		@ Rs. 993.60	-	-		- Rs.	152378.00
4)	Earthwork excavation by manual means in ordinary soil, excavated surface levelled & sides neatly dressed, disposed earth to be levelled neatly as directed.						
	Qty vide item No.(4) of page 262860	-	-	-		128.52 cum	
				Limited to		95.94 cum	
		@ Rs. 75.60	-	-		- Rs.	7253.00
	previous Qty vide item No(4) of page 262860	-	-	-		527.16	
		Total upto date Qty =				623.10	

Serial No. .....

Name of Work ..... F

Name of Contractor of nature of Agency .....

Date of commencement of work .....

M.

Date	Full description, etc, of work	Num
1	2	3
17)	Lead for disposal of debri... carriage rates by Mechan... Qty vide item No. 17 of page 2628	
	previous Qty vide item No (17)	
5)	Construction of embankment depicted at Site from RD ... requirements as directed. Qty vide item No. (5) of page	

IT BOOK

nsions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
ranoving rted Materials, & stacking ir directed			
- - -		165.24 cum	
Limited to		153.36 cum	
3.60 - -		- - - =Rs. 152378.00	
in ordinary sides neatly d neatly			
- - -		128.52 cum	
dmitted to		95.94 cum	
-60 - -		- - - =Rs. ₹253.00	
02 - - -		527.16	
e Qty =		623.10	

M. A. R. 57 (Rule 116)
Measurement Book

No. B
262814

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
17)	Lead for disposal of debris shall be payable at carriage rates by Mechanical means as directed. Qty vide Item No. 17 of page 262861	- -	- -	- -		128.52 cum	
				Limited to		44.81 cum	
			@ Rs. ₹3.57/-	- -		- - =Rs.	3297.00
	Previous Qty vide item no (17) of page 262809	- -	- -	- -		527.16	
	Total upto date Qty					571.97 cum	
5)	Construction of embankment with approved material deposited at site from roadway, compacted to Mech requirements as directed. Qty vide Item No. (5) of page 262861	- -	- -	- -		96.39 cum	
				Limited To		95.85 cum	
			@ Rs. 166.32/-	- -		- - =Rs.	15942.00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
e)	Providing & laying in position with OPC concrete @ 180 kg mixed, CA @ 0.85 cum, FA @ 0.57 cum machine mixed, concrete laid in layers as directed.		PCC of mix 1:4:8 with 40 mm & dbs				
	Qty vide item No. (e) of page	2528 61	-	-	-	52.81	cum
				Limited to		50.46	"
			@ Rs. 4847.04	-	-	= Rs.	244582.00
	previous qty vide item No. (e) of page	2528 07	-	-	-	274.67	
			total upto date Qty			325.13	cum.
f)	Providing & constructing gauged masonry in cement mortar (1:6) in superstructure with CM 1:6, edges of stones chisel dressed in courses not less than 10 cm high with available stones as directed						
	Qty vide item No. (f) of page	2528 62	-	-	-	118.80	cum
				Limited to		107.35	cum
			@ Rs. 3585/-	60.	-	= Rs.	384914.00

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Serial No. .....
Name of Work ..... From
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Number
1	2	3
g)	with new stones Qty vide item No. (g) of	page
q)	Providing raked pointing to with CM 1:4, 20 mm deep & 20 mm nicely lining incl labour etc complete. Qty vide item No. (q) of	page

OOK

Depth 6	Contents 7	Reference to last Measurement 8
...ed		
-	52.81 cum	
...t	50.46 "	
-	-- =Rs.	244582.00
- -	274.67	
...dy	325.13 cum.	
...ider ... cooker		
...	118.89 cum	
...76	207.35 cum	
- -	- =Rs.	38 4914.00

M. A. R. 57 (Rule 116)
Measurement Book

No. B
262815

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
a)	Lion new Stones Qty vide item No.(8) of	page 26	2863	- -	- - -	63.72 cum 46.01 cum	
				Limited to			
			@ Rs. 4773.00/-			= Rs.	219623.00
9)	Providing filled pointing to carved stone masonry with CM 1:4, 20mm deep after raking joints to depth of 20mm nicely lining including cost of all materials, labour etc complete. Qty vide item No.(9) of	page 26	2863	- -	- - -	333.00 Sqm.	
			@ Rs. 92.88/-			= Rs. -	30929.00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
10)	Providing & laying in position per cum nominal mix 1:2:4 using Cement @ 240kg with 20mm & down HBG metal, CA @ 0.878 cum & FA @ 0.459 cum machine mixed, concrete laid in layers as directed etc complete.						
	Qty vide item no: (10) of page 2628863					21.38	cum.
				Limited to		20.83	cum
	@ Rs 5327.64/-					= Rs.	110974.00
12)	Providing TMT steel reinforcement for RCC work including straightening, cutting bending Lapping, placing in position, tapping steel with binding wire cost of all materials etc complete						
	Qty vide item no. (12) of page 2628864					5.60	tonne
				Limited to		5.03	tonne
	@ Rs. 79056/-					= Rs.	397651.00

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .
Date of commencement of work .....

Date	Full description, etc, of work
1	2
13)	providing & removing propping etc & removal surface dressing as well etc complete as di
	Qty vide item no. (13)
	Hire charges of VOLVO fuel Transportation &

Contents	Reference to last Measurement
7	8
21.38	cum
20.83	cum
- =	110974.00
5.60	tone
5.03	tone
- =	39765.00

M. A. R. 57 (Rule 116)
Measurement Book

No. B
262816

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
13)	providing & removing propping etc & removal of surface pack as work etc complete as directed. Qty vide item No. (13) of page 26	centering, shuttering, planking, & strutting of formwork for retaining all materials				235.60 less 248.62	less 2766.00
				Limited to			
				@ Rs. 12.68/-		- - Rs.	2766.00
6)	Hire charges of 100 KVA generator including operator fuel transportation & handling charges etc.	6 x 6	-	-	-	36	hours
				@ Rs. 495/-		- = Rs.	17820.00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
11)	Providing & laying in position RCC 1:1:2 using M20 with OPC cement @ 320kg with 20mm & down metal, CA @ 0.878 cum, FA @ 0.459 cum with super plasticizer Machine mixed, concrete laid in layers not exceeding 15cm thick, cost of all materials, CA complete. Decide slabs at following locations						
	4M main - 3rd A cr, 5M 6M Right (3) 5M main - 2nd left, 4M Right, 7M left, 7M Right, 8M Right, 9M Right (6) 6M main - 2nd & 1st cr (2 each) (4)+1	13	6.00	1.50	0.25	29.25	cum
	4M main - 3rd (L+R), 5M main - 2nd left, 5M Right 5M A (opp) (4) & 6M main - 2M & 5M cr call 2 nos.	9	5.40	1.50	0.25	18.22	"
	4M main road slv Rice traders	1	6.60	1.50	0.25	2.47	"
	3rd cr tataragara	1	7.80	1.50	0.25	2.92	"
	5M main - 2nd cr right	1	4.80	1.50	0.25	1.80	"

Checked

dt. 29/11

M. A.
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Serial No. .....

Name of Work ..... From..

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Number
1	2	3
	4M cr tataragara Gangabhavari road sides	1 6 6
14)	providing & laying in position OPC cement @ 320kg CA @ 0.64 cum, FA @ 0.42 cum mixed, concrete laid in Kodigehalli cross road	layers 1

OK

Depth 6	Contents 7	Reference to last Measurement 8
with d, CA lastic		
0.25	29.25	cum
025	18.22	"
0.25	2.47	"
.25	2.92	"
.25	1.80	"

M. A. R. 57 (Rule 116)
Measurement Book

No. B 262817

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	4M cm tatanagara Gangabhavani road sides	1	7.20	1.50	0.25	2.70	cum
		6	6.00	1.50	0.25	13.50	"
		6	6.00	0.15	0.25	1.35	"
					Total.	17.21	cum
				Limited to		11.88	cum
		@ Rs. 6085.25/-				-Rs	435972.00
14)	providing & laying in position pcc 1 nos M20 with OPC cement @ 320 kg with sand & dbs metal CA @ 0.64 cum, FA @ 0.42 cum mix mechanically mixed, concrete laid in beam as directed Kodigehalli cross road	1	12.00	1.80	0.10	2.16	cum
				Limited to		1.68	cum
		@ Rs. 5852.52/-				-Rs	9812.00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	previous qty vide Item No. (14) of page 26	28	10	-	-	883.12	cum
	total upto date qty					184.80	cum
	(15) Vacuum dewatering with vacuum pump & needles flat & compaction with skin plastic sheeting with floating disk cost of all materials etc complete.						
		1	12.00	1.80	-	21.60	sqm
				deducted to		16.52	sqm
			@ Rs. 97.20/-		-	= Rs.	1606.00
	previous qty vide Item No. (15) of page 26	28	11	-	-	1831.48	sqm
	total upto date qty					1848.00	Sqm.
	(16) providing coarse sanding to slope & depth cost of sanding machine cost of all materials	for concrete pavement 800 m - [illegible] generator & labour				with providing necessary	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	quantity for previous & total upto page 2628
	Certificate. The work is completed as per departmental records

OOK

	Depth 6	Contents 7	Reference to last Measurement 8
	-	83.12	cum
	-	184.80	Sq
	-	21.60	Sqm
	-	16.52	Sqm
	-	= Rs.	1606.00
	-	1831.48	Sqm
	-	1848.00	Sqm.

M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. .....

Name of Work ..... From..... To.....262818

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Quantity for this bill - - -					Nil	
	previous & total upto date qty vide Page 262812					84.00	Sq
	Total bill Amount					= Rs.	21753713.00

Certificate.

The work is completed satisfactorily & there are no departmental roster to this work

29/10/10

A.E.E. 15/11/10

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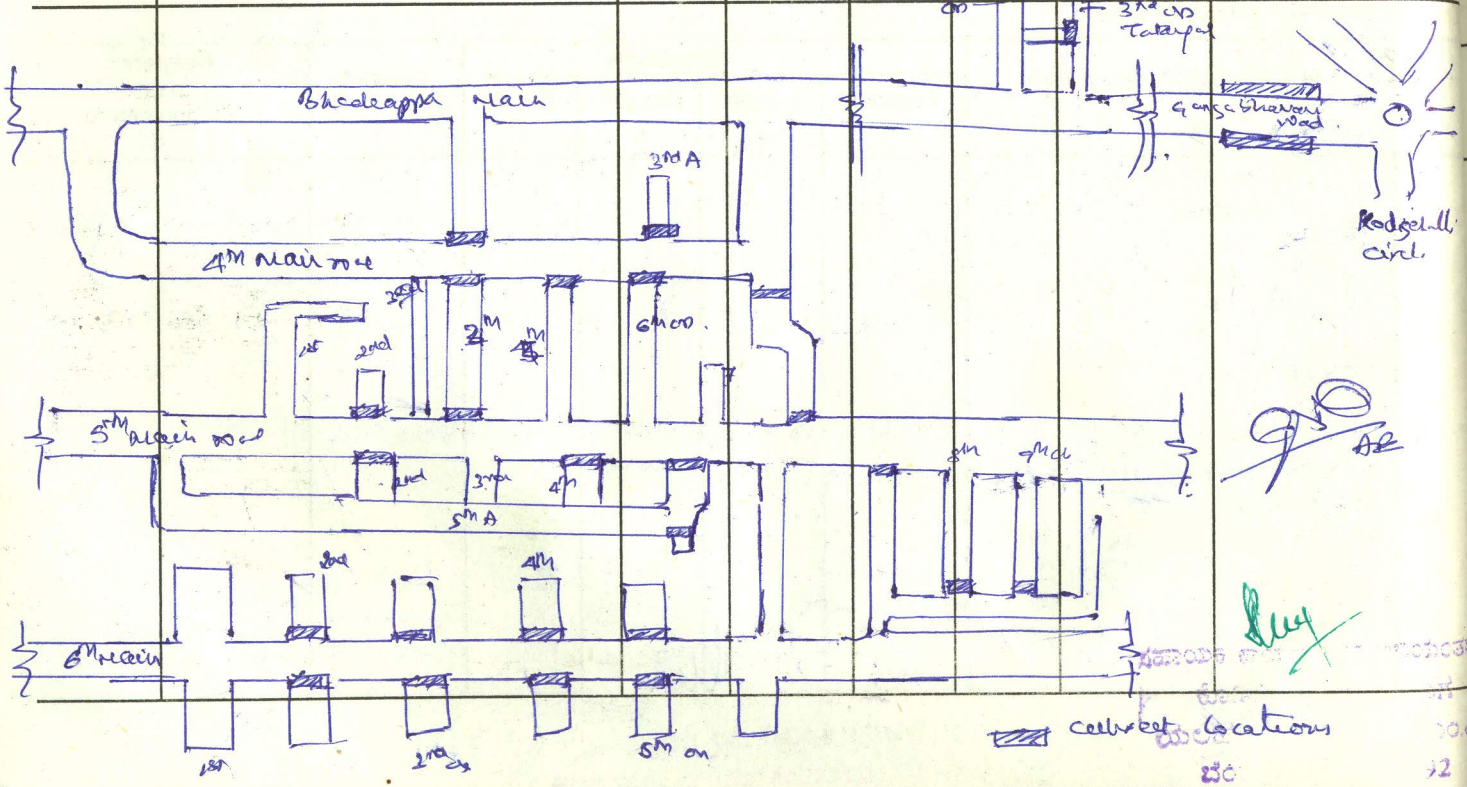
ಕೊಡಿಗೆಹಳ್ಳಿ ಉಪವಿಭಾಗ
ಯಲಹಂಕ ವಲಯ, ಬಿ.ಬಿ.ಎಂ.ಪಿ

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8



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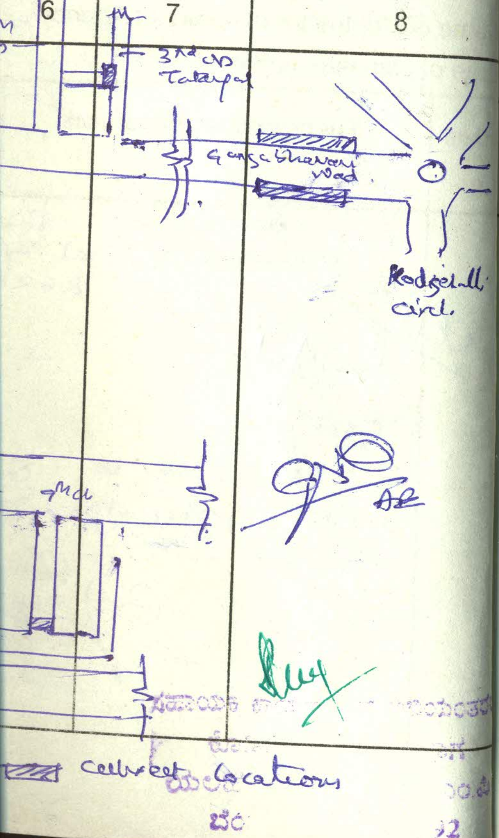
Serial No. .....
Name of Work ..... From
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Number
1	2	3

48,45859-
247236/- 1688
2,06,759 19.28

OK

Depth 6	Contents 7	Reference to last Measurement 8



M. A. R. 57 (Rule 116)
Measurement Book

B

262819

Serial No. ....

Name of Work .... From.............................. To..............................

Name of Contractor of nature of Agency ....

Date of commencement of work ....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	[Stamp] 48,45,859-00 247236/- 168954-00 20,06,759 19,28,477/- Krishnegowda					Total Bill: 48,45,859-00 I & Part Bill 2670146-00 II & Final: 2175713-00 IT - 21757-00 VAT - 87029-00 Cess - 21757-00 CBF - 2176-00 Penalty 3600-00 LR 32635-00 Add. 1,68,954 78282 247236 Cheque: 20,06,759 19,28,477	